

Fig. 1

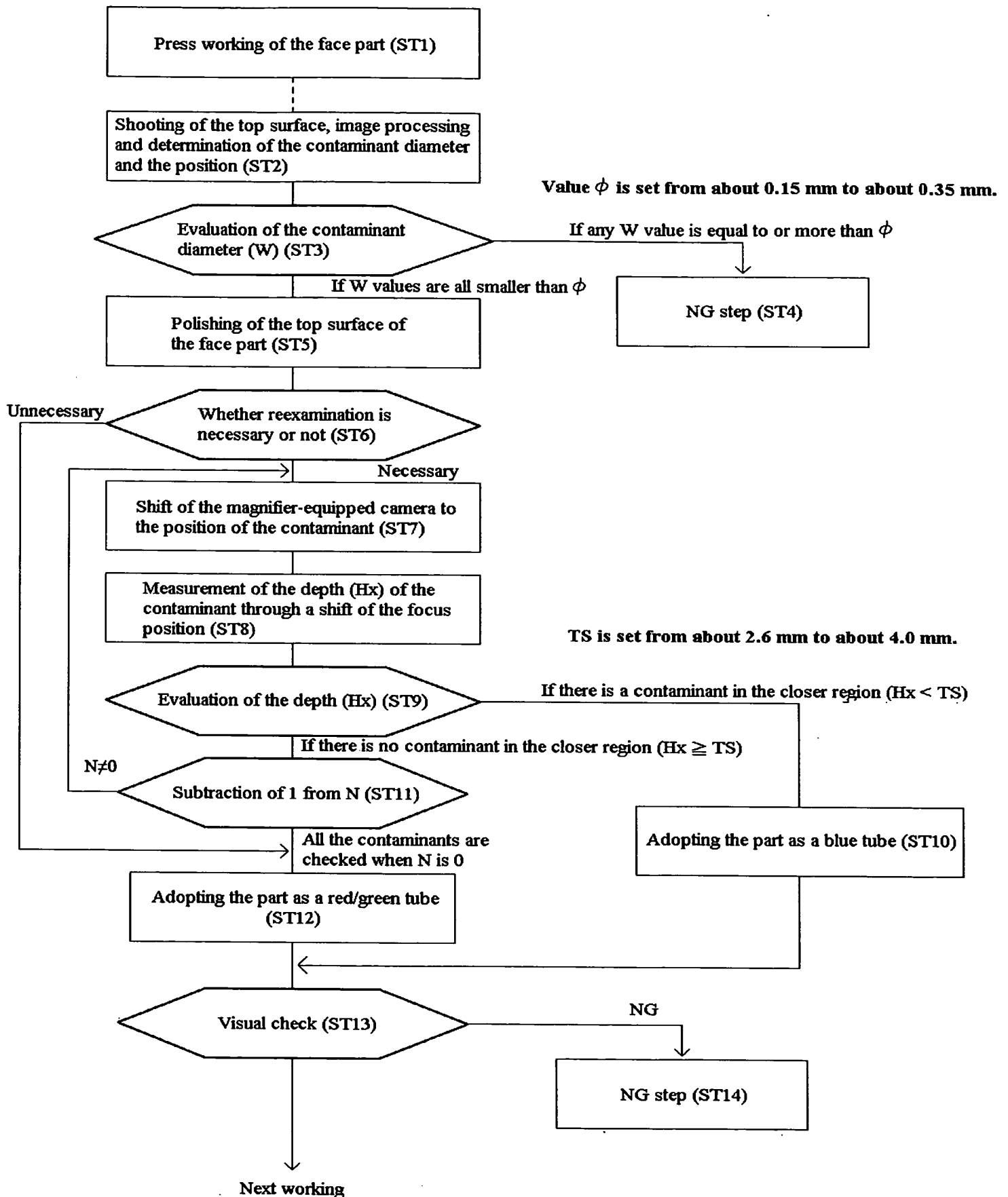


Fig. 2

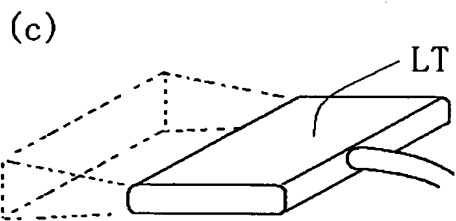
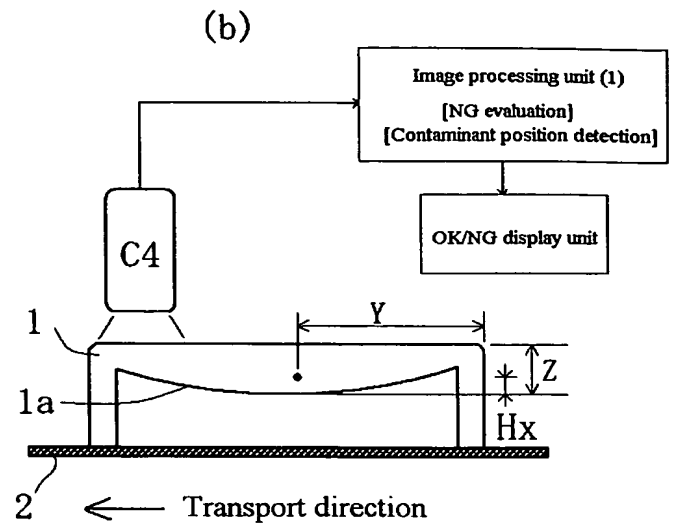
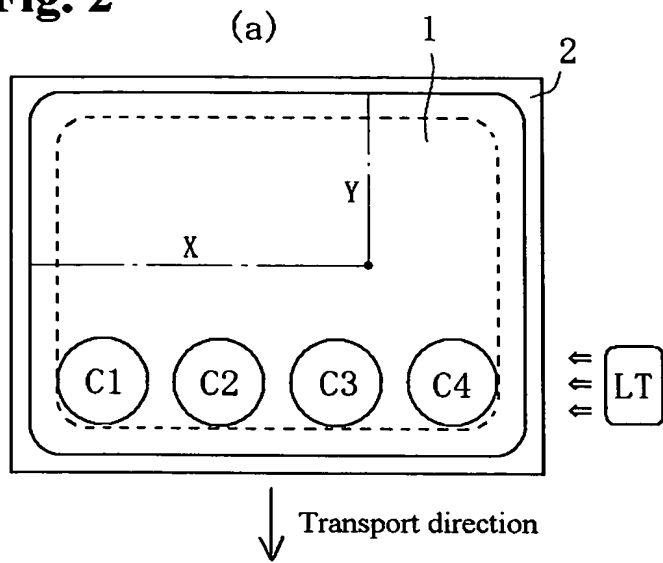


Fig. 3

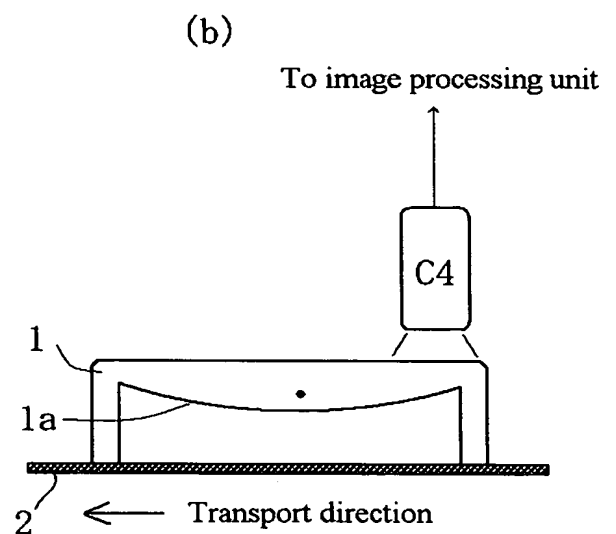
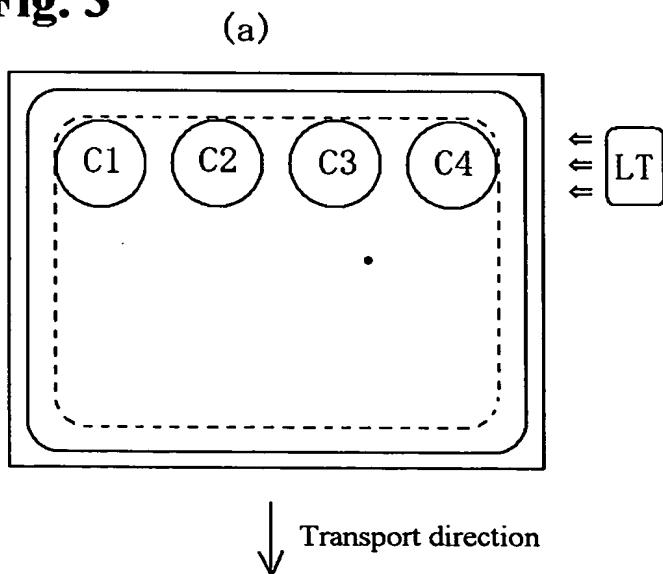


Fig. 4

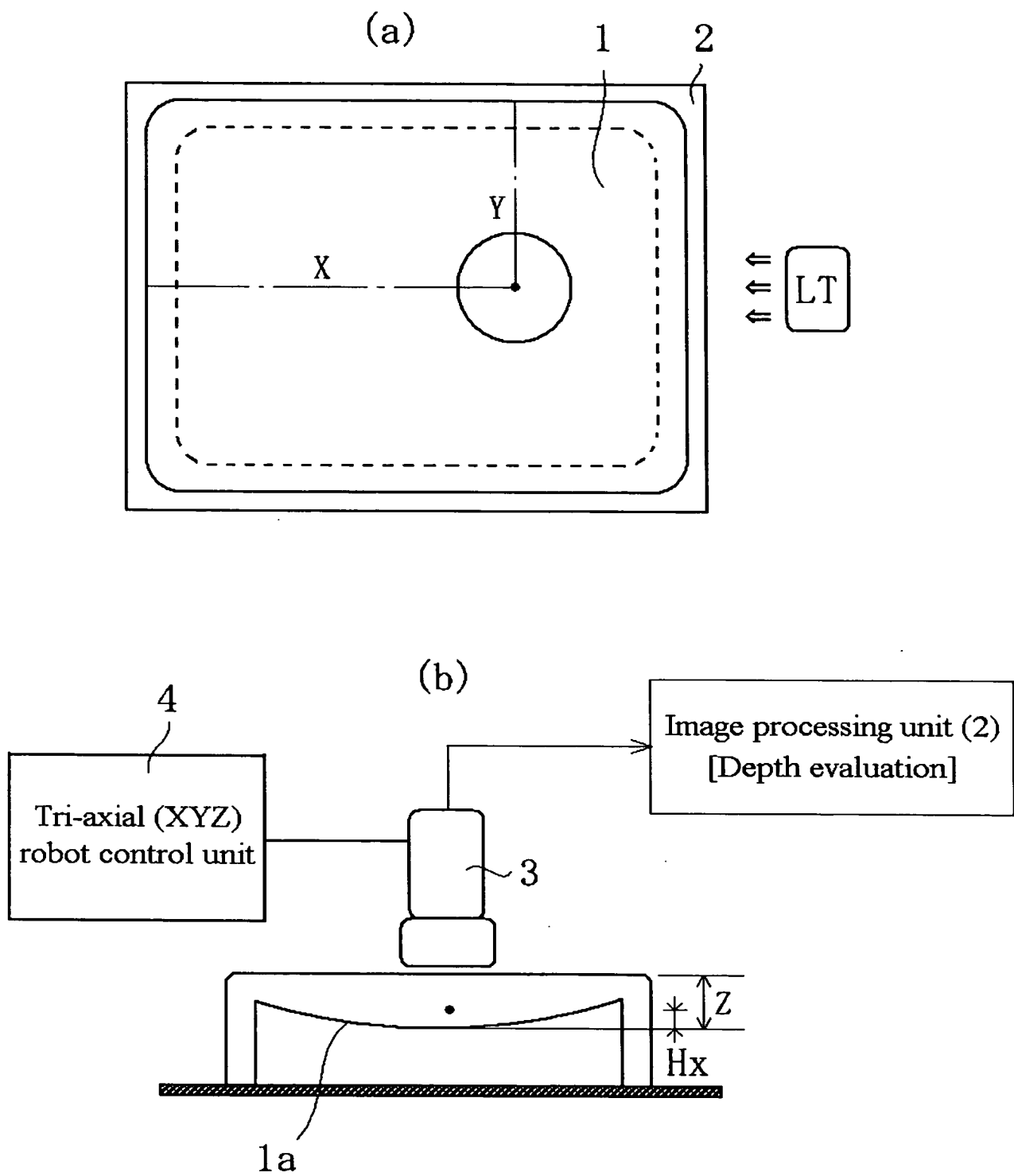
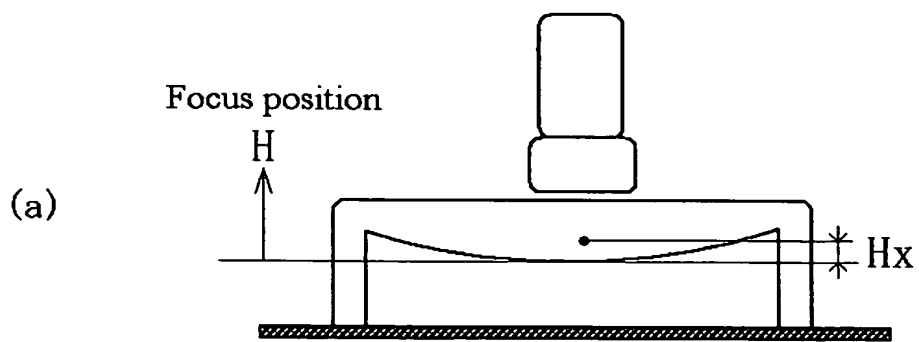
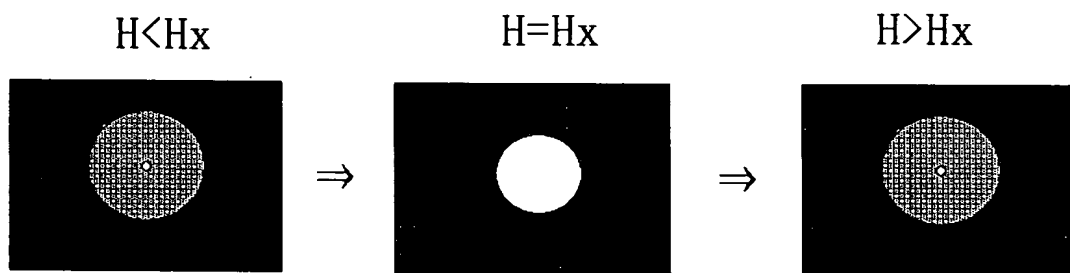


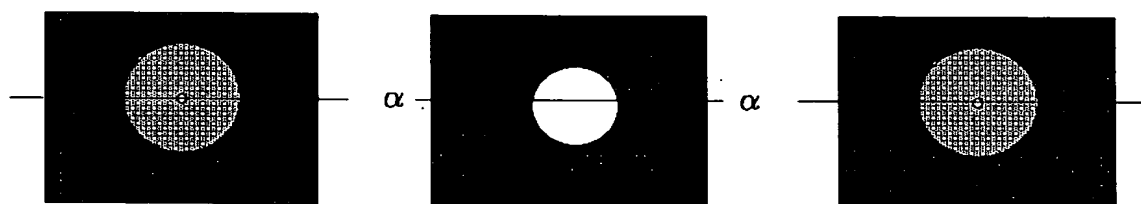
Fig. 5



(b)



(c)



(d) Brightness on line α

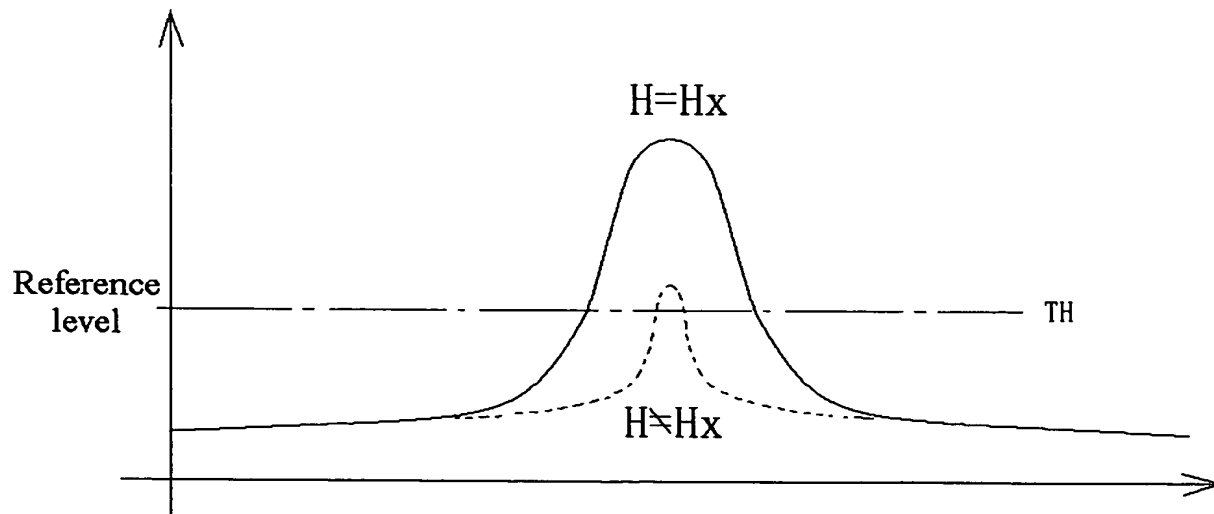


Fig. 6

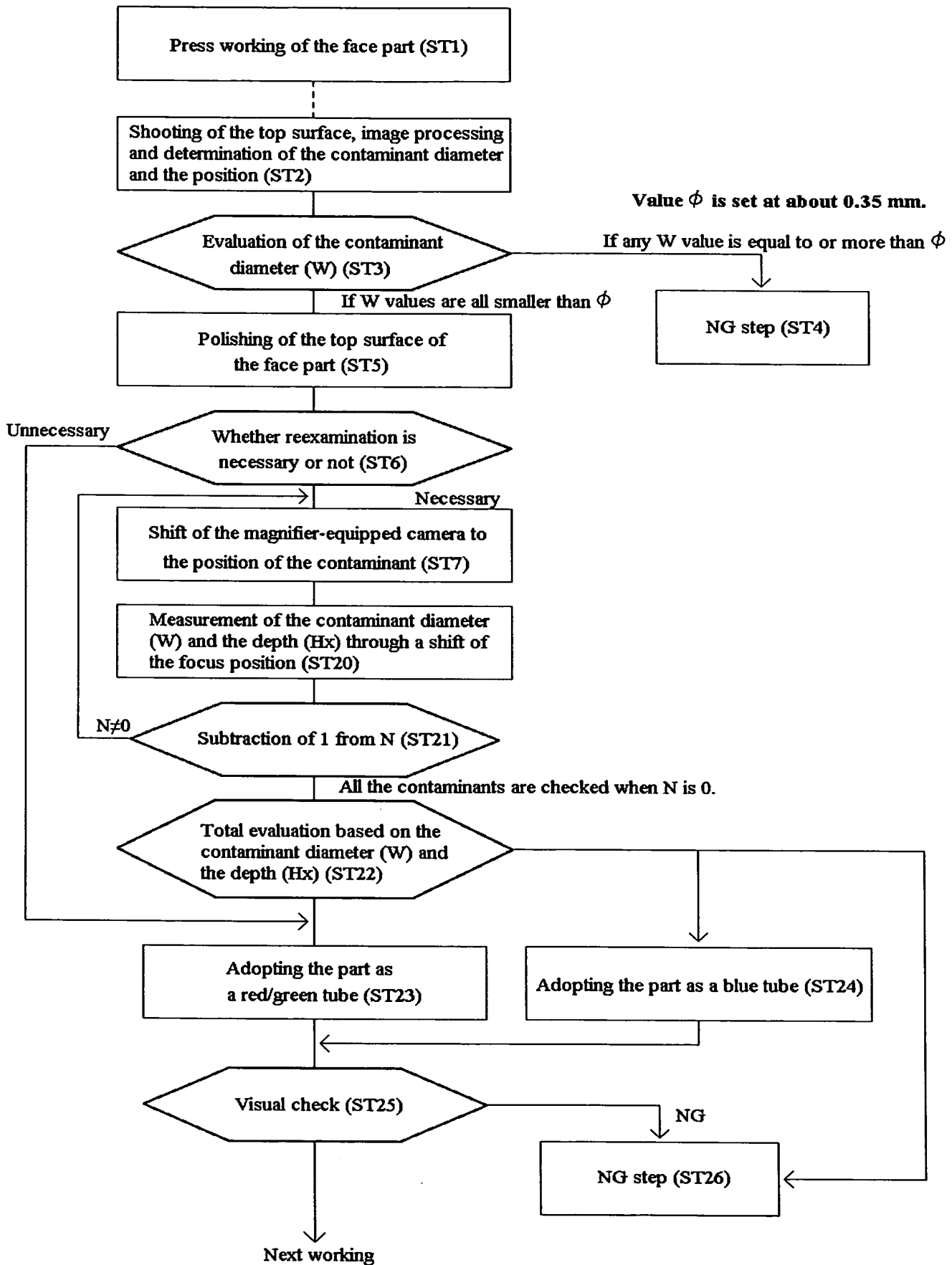


Fig. 7

Evaluation criteria for red or green tube

TBL1 $TS = 2.6 \sim 4.0\text{mm}$

Depth H	$TS \leq H$ Contaminant more distant from fluorescent film surface	$TS > H$ Contaminant closer to fluorescent film surface
Contaminant diameter W	Less than $\phi 1$	Less than $\phi 2$

$\phi 1 = 0.15 \sim 0.3\text{mm}$

$\phi 2 = 0.10 \sim 0.15\text{mm}$

Evaluation criteria for blue tube

TBL2 $TS = 2.6 \sim 4.0\text{mm}$

Depth H	$TS \leq H$ Contaminant more distant from fluorescent film surface	$TS > H$ Contaminant closer to fluorescent film surface
Contaminant diameter W	Less than $\phi 3$	Less than $\phi 4$

$\phi 3 = 0.25 \sim 0.35\text{mm}$

$\phi 4 = 0.2 \sim 0.3\text{mm}$

Fig. 8

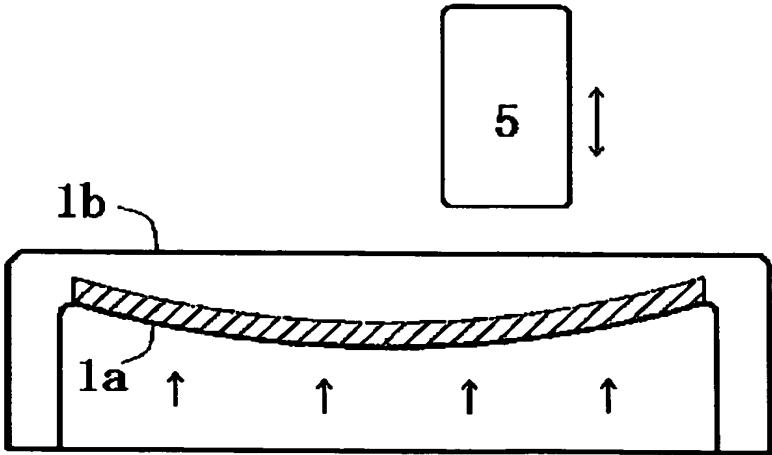


Fig. 9

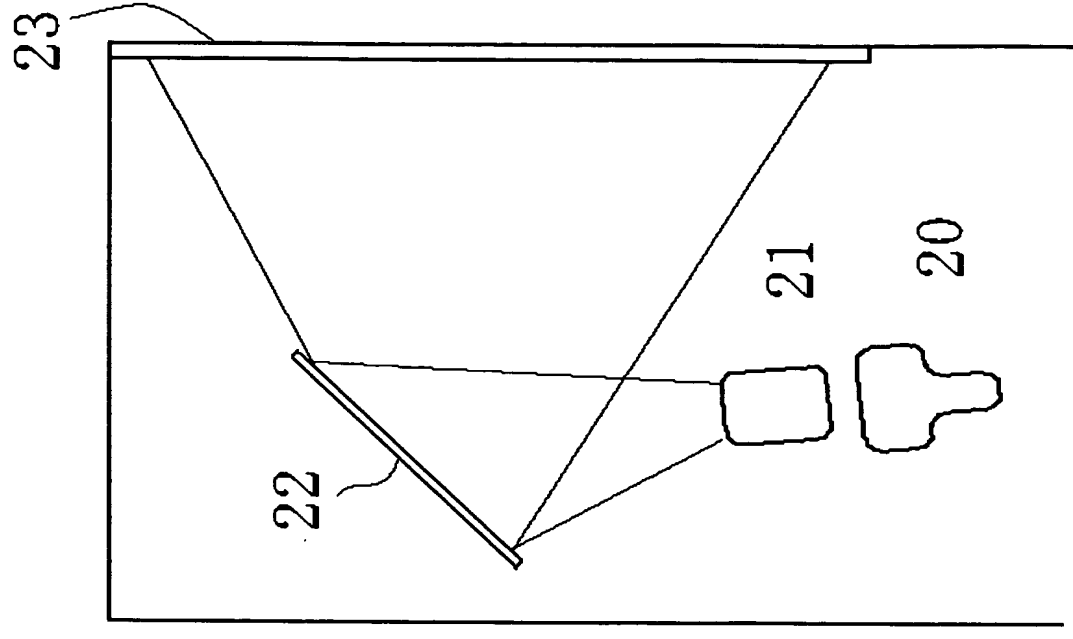
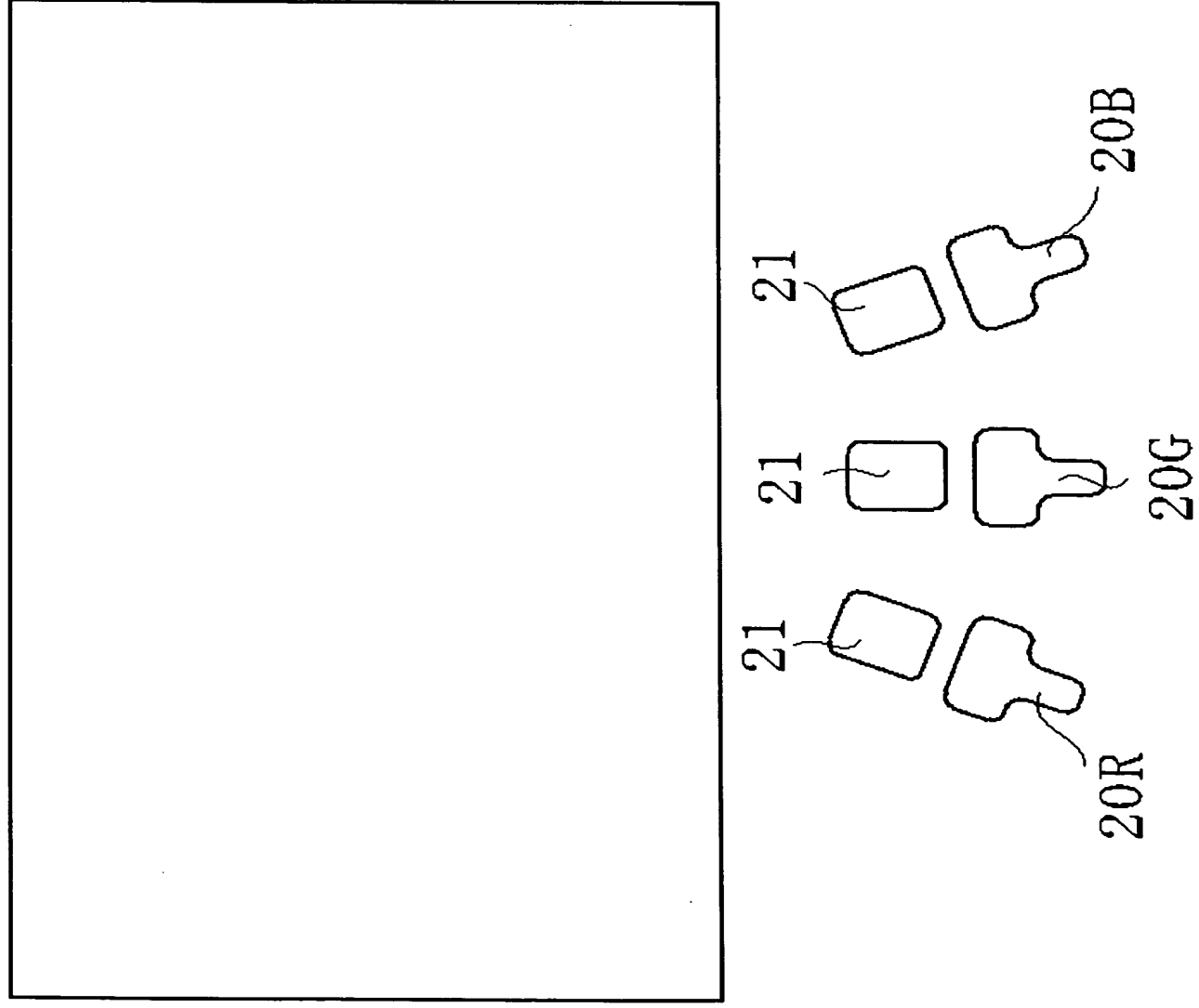


Fig. 10

